

**Table 20. Employed doctoral scientists and engineers in universities and 4-year colleges, by broad field of doctorate, sex, tenure status, and years since doctorate: 1999**

Field of doctorate/sex	Total		Tenured		Not tenured				Tenure not applicable	
					On tenure track		Not on tenure track			
	Less than 10 years	10 or more years	Less than 10 years	10 or more years	Less than 10 years	10 or more years	Less than 10 years	10 or more years	Less than 10 years	10 or more years
All fields.....	84,260	155,820	11,580	112,460	28,940	8,450	14,980	11,000	28,760	23,910
Male .....	(61.2)	(80.1)	(62.7)	(83.6)	(66.5)	(65.5)	(57.1)	(68.5)	(57.3)	(74.3)
Female .....	(38.8)	(19.9)	(37.3)	(16.4)	(33.5)	(34.5)	(42.9)	(31.5)	(42.7)	(25.7)
Sciences .....	75,620	138,220	9,900	98,940	25,330	7,770	13,620	10,100	26,770	21,420
Male .....	(58.8)	(78.0)	(60.0)	(81.7)	(63.6)	(63.1)	(55.8)	(65.9)	(55.4)	(71.8)
Female .....	(41.2)	(22.0)	(40.0)	(18.3)	(36.4)	(36.9)	(44.2)	(34.1)	(44.6)	(28.2)
Computer and information sciences ....	2,260	1,390	740	1,170	1,060	S	180	80	290	90
Male .....	(76.2)	(80.1)	(77.3)	(80.6)	(76.5)	S	(85.9)	(100.0)	(66.0)	(81.6)
Female .....	(23.8)	(19.9)	(22.7)	(19.4)	(23.5)	S	S	S	(34.0)	S
Mathematical sciences .....	3,880	10,940	920	9,720	1,630	220	800	310	540	680
Male .....	(72.9)	(90.8)	(83.9)	(91.2)	(66.6)	(87.2)	(80.4)	(81.1)	(62.0)	(91.0)
Female .....	(27.1)	( 9.2)	(16.1)	( 8.8)	(33.4)	S	(19.6)	(18.9)	(38.0)	( 9.0)
Biological and agricultural sciences ....	27,400	43,700	1,680	28,550	6,890	3,940	6,060	4,000	12,770	7,210
Male .....	(62.1)	(77.3)	(69.4)	(83.1)	(72.8)	(60.8)	(59.4)	(64.5)	(56.6)	(70.4)
Female .....	(37.9)	(22.7)	(30.6)	(16.9)	(27.2)	(39.2)	(40.6)	(35.5)	(43.4)	(29.6)
Health sciences .....	5,660	5,100	1,220	3,430	2,260	480	850	580	1,330	610
Male .....	(34.0)	(48.7)	(29.6)	(52.3)	(39.2)	(33.2)	(24.8)	(50.8)	(35.3)	(39.0)
Female .....	(66.0)	(51.3)	(70.4)	(47.7)	(60.8)	(66.8)	(75.2)	(49.2)	(64.7)	(61.0)
Physical and related sciences .....	11,890	25,690	960	17,480	3,820	1,300	2,010	1,840	5,100	5,060
Male .....	(77.2)	(90.9)	(69.0)	(92.0)	(78.5)	(86.9)	(78.1)	(85.4)	(77.4)	(90.4)
Female .....	(22.8)	( 9.1)	(31.0)	( 8.0)	(21.5)	(13.1)	(21.9)	(14.6)	(22.6)	( 9.6)
Social sciences .....	14,030	32,840	3,130	26,180	6,420	950	1,530	1,850	2,950	3,850
Male .....	(57.0)	(76.4)	(61.1)	(79.2)	(60.1)	(62.5)	(52.8)	(61.3)	(48.3)	(68.2)
Female .....	(43.0)	(23.6)	(38.9)	(20.8)	(39.9)	(37.5)	(47.2)	(38.7)	(51.7)	(31.8)
Psychology .....	10,500	18,570	1,250	12,400	3,270	830	2,190	1,430	3,790	3,910
Male .....	(36.0)	(65.1)	(39.4)	(70.6)	(44.7)	(49.8)	(27.6)	(51.9)	(32.3)	(55.8)
Female .....	(64.0)	(34.9)	(60.6)	(29.4)	(55.3)	(50.2)	(72.4)	(48.1)	(67.7)	(44.2)
Engineering .....	8,640	17,600	1,680	13,520	3,600	690	1,370	900	1,990	2,490
Male .....	(82.0)	(96.9)	(79.1)	(97.3)	(87.2)	(92.3)	(70.8)	(96.6)	(82.8)	(95.7)
Female .....	(18.0)	( 3.1)	(20.9)	( 2.7)	(12.8)	( 7.7)	(29.2)	S	(17.2)	( 4.3)

**KEY:** S=Suppressed due to too few cases (fewer than 50 weighted cases).

**NOTES:** Percentage distribution is shown in parentheses. Numbers are rounded to nearest ten. Details may not add to total because of rounding.

**SOURCE:** National Science Foundation/Division of Science Resources Statistics, 1999 Survey of Doctorate Recipients